Form PTO-1449

INFORMATION DISCLOSURE STATEMENT

Atty. Docket: 469201-549	Serial No.: 09/900,575
Applicant: Langermann et al	
Filing Date: July 6, 2001	Group: 1645

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date
	A1	6,500,434	31 December 2002	Langermann			23 April 1999
	B1						
	C1						
	D1						

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Country	Class	Sub-Class	Translation
	N1	WO 95/20657	3 August 1995	PCT			☐ Yes ☐ No
	O1	WO 01/04148	18 January 2001	PCT			☐ Yes ☐ No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	P1	Langermann et al., "Vaccination with FimH Adhesin Protects Cynomolgus Monkeys From Colonization and Infection by Uropathogenic Escherichia Coli" J. Infectious Diseases, Vol. 181, pp. 774-778 (2000).
	Q1	Palaszynski et al., "Systemic Immunization with Conserved Pilus-Associated Adhesins Protects Against Mucosal Infections," Dev. Biol. Stand. Basel, Karger, Vol. 92, pp. 117-122 (1998).
	R1	Thankavel, et al., "Localization of a Domain in the FimH Adhesin of *Escherichia coli* Type 1 Fimbriae Capable of Receptor Recognition and use of a Domain-specific Antibody to Confer Protection against Experimental Urinary Tract Infection," American Society for Clinical Investigation, Vol. 100, No. 5, pp. 1123-1136 (September 1997).
	S1	Langermann, et al., "Prevention of Mucosal Escherichia coli Infection by FimH-Adhesin-Based Systemic Vaccination," Science, Vol. 276, pp. 607-611 (April 25, 1997).
	T1	Jones, et al., "FimC is a periplasmic PapD-like chaperone that directs assembly of type 1 pili in bacteria," Proc. Nat'l. Acad. Sci. USA, Vol. 90, pp. 8397-8401 (September 1993).
	U1	O'Hanley, et al, "Molecular Basis of Escherichia coli Colonization of the Upper Urinary Tract in BALB/c Mice," Amer. Society for Clinical Investigation, Inc., Vol. 75, pp. 347-360 (February 1985).
	V1	Tewari, et al., "Neutrophil Activation by Nascent FimH Subunits of Type 1 Fimbriae Purified from the Periplasm of *Escherichia coli*," Journal of Biological Chemistry, Vol. 268, No. 4, pp. 3009-3015 (1993).
	W1	Knight, et al., "Crystallization and preliminary X-ray diffraction studies of the FimC-FimH chaperone-adhesin complex from *Escherichia coli*," Acta Crystallographica, Section D, pgs. 207-210 (1997).
	X1	"Abstracts of the 89th Annual Meeting of the American Society for Microbiology," New Orleans, La, May 14-18, 1989
	Y1	Bereneice McClentton Madison, "Structural, Antigenic and Functional Analysis of FIMH Protein in Escherichia Coli and Klebsiella Pneumoniae Type 1 Fimbriae," Univ. of Tennessee Cntr. for the Health Sciences, Vol. 52/06-B, page 2893, 159 pages (1990).

Examiner: Joanne Ballen	Date Considered: 7/23/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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	A1						
	B1						
	C1						
	D1						

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Country	Class	Sub-Class	Translation
	N1						☐ Yes ☐ No
	O1						☐ Yes ☐ No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AA	Z1	Abraham, et al., "Conservation of the D-Mannose-adhesion protein among type 1 fimbriated members of the family Enterobacteriaceae," Nature, Vol. 336 (December 1988).
AA	AA	Abraham, et al., "Protection Against *Escherichia coli*-Induced Urinary Tract Infections with Hybridoma Antibodies Directed Against Type 1 Fimbriae or Complementary D-Mannose Receptors, Infection and Immunity, Vol. 48, No.3, pgs. 625-628 (June 1985).
	BB	
	CC	
	DD	
	EE	
	FF	
	GG	

Examiner: Padma Baskar Date Considered: 7/23/07

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